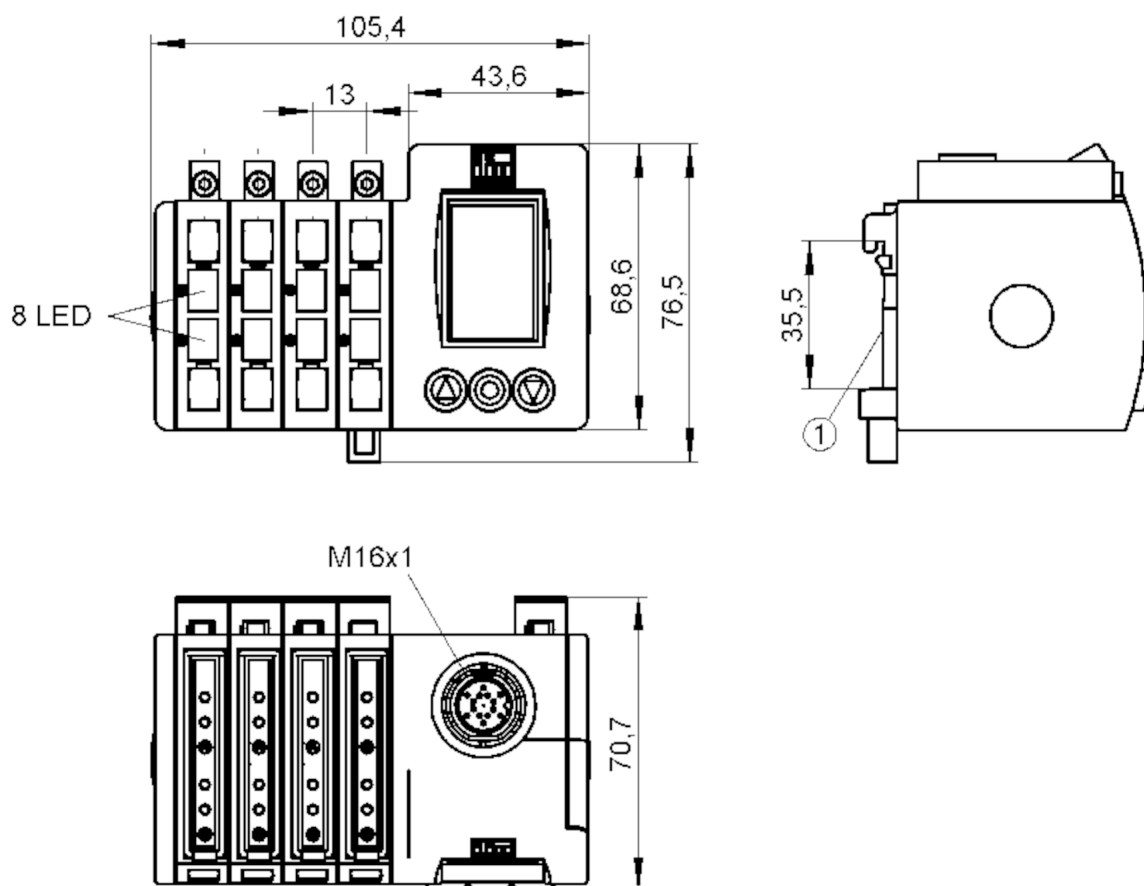


Fibre-optic amplifier

OO5-FNKG/M16/KL8

Article no longer available - archive entry



1 mounting on DIN rail

Product characteristics

Type of light	red light
Housing	rectangular

Application

Special feature	Function check output
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Electrical data

Operating voltage	[V]	12...36 DC
Current consumption	[mA]	50; ((24 V))
Max. power consumption	[VA]	1.3
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	630

Outputs

Electrical design	NPN
Output function	light-on/dark-on mode; (parameterisable)



Fibre-optic amplifier

00F-FNKG/M16/KL8

Max. voltage drop switching output DC	[V]	2
Function check output		yes
Max. current load for function check output	[mA]	200
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	800
Notes on switching frequency	[Hz]	typical
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Time function	[s]	0.001...0.1

Detection zone		
Range	[m]	< 3.8; (Through-beam sensor)
Range	[mm]	0...300; (Diffuse reflection sensor)
Range adjustable		yes

Software / programming	
Parameter setting options	automatic and manual switch point setting; logic functions AND, OR; second switch point

Operating conditions	
Ambient temperature	[°C] -20...60
Protection	IP 65

Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data	
Housing	rectangular
Dimensions	[mm] 76.5 x 105.4 x 70.7
Number of channels	8
Fibre optic connection	FE-11 / FT-11
Materials	housing: ABS; display window: PMMA; LED window: SEPS; cover: diecast zinc plastic coated (PA)

Displays / operating elements		
Display		full graphic LCD display, rotation of the display by 180° possible language selection (German, English, French)
	switching status	8 x LED, yellow
Electronic lock		yes

Accessories	
Items supplied	rail: 1 x 94 mm, EN 60715

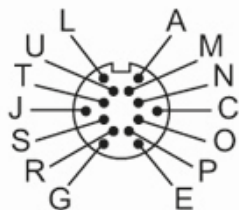
Remarks	
Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection	
Connector: 1 x M16	

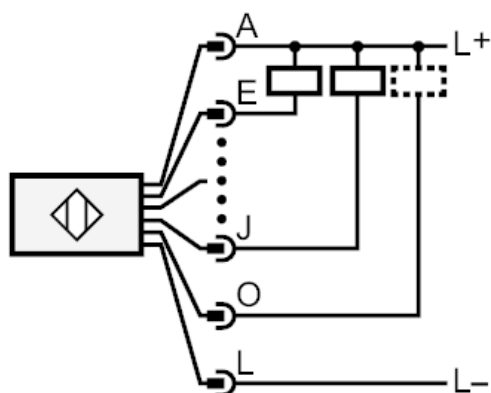
Fibre-optic amplifier

00F-FNKG/M16/KL8

Electrical connection - Connection



Connection



E: Out 1
P: Out 2
S: Out 3
G: Out 4
C: Out 5
T: Out 6
N: Out 7
J: Out 8

O Function check output